- a) providing: i) a biological sample comprising one or more structural polypeptides; and ii) an acid;
- b) treating said sample with said acid under conditions such that said one or more polypeptides is recovered in a solution.
- 2. Phe method of Claim 1, wherein said polypeptide is selected from SEQ ID
- 10 NO.: 2, SEQ ID NO.: 4, SEQ ID NO.: 6, SEQ ID NO.: 8, SEQ ID NO.: 9, and SEQ ID NO.: 11.
  - 3. The method of Claim 1, wherein said biological sample comprises recombinant polypeptides.
  - 4. The method of Claim 1, wherein said biological sample comprises non-recombinant polypeptides.
    - 5. The method of Claim 1, wherein said acid comprises an organic acid.
  - The method of Claim 5, wherein said organic acid is selected from formic, acetic, propionic, butyric, and valeric acids.
  - 7. The method of Claim 1, further comprising the step of manipulating said solution under conditions such that insoluble fibers are produced.
    - 8. The fibers produced according to the process of Claim 7.
    - 9. A method, comprising:
- providing: i) host cells expressing one or more recombinant structural polypeptides, and ii) a solution comprising an organic acid;

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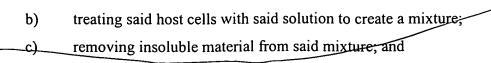
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10. The method of Claim 9, wherein said one or more polypeptides is selected from SEQ ID NO.: 2, SEQ ID NO.: 4, SEQ ID NO.: 6, SEQ ID NO.: 8, SEQ ID NO.: 9, and SEQ ID NO.: 11.

recovering said one or more recombinant polypeptides in a solution...

- The method of Claim, wherein said organic acid is selected from formic acid, acetic acid, propionic acid, butyric acid, and valeric acid.
  - 12. The method of Claim 9, wherein said recovered one or more recombinant polypeptides in said solution are manipulated under conditions such that insoluble fibers are produced.
    - 13. The fibers produced according to the process of Claim 12.
    - 14. A method, comprising:
    - a) providing: i) bacterial cells expressing one or more recombinant structural polypeptides, and ii) a solution comprising an organic acid selected from formic acid, acetic acid, propionic acid, butyric acid, and valeric acid.;
    - b) treating said bacterial cells with said solution to create a mixture;
    - c) removing insoluble material from said mixture; and
    - dy recovering said one or more recombinant polypeptides in a solution.
  - 15. The method of Claim 14, wherein said one or more polypeptides is selected from SEQ ID NO.: 2, SEQ ID NO.: 4, SEQ ID NO.: 6, SEQ ID NO.: 8, and SEQ ID NO.: 11.
  - 16. The method of Claim 14, further comprising the step of manipulating said recovered one or more recombinant polypeptides under conditions such that insoluble

- 17. The method of Claim 16, wherein said manipulating comprises:
  - a) concentrating said recovered one or more recombinant polypeptides to create a concentrated solution; and
  - b) forcing said concentrated solution through a spinneret.

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18. The fibers produced according to the process of Claim 17.